LOS ANGELES

NAUTOS — NORTH

LEGEND

Airports/Heliports Control Towers are shown in Blue. Consult Airport/Facility Directory (A/FD) for details regarding operating hours, ownership, services, and remarks. Additional information refer to the Chart User's Guide.

AIRPORTS

- Other than Hard surface runway
- Hard surface runway
- Hard surface runways 1000 ft. to 8069 ft. in length
- Hard surface runways greater than 8069 ft. or where multiple runways less than 8069 ft.
- Water (for either hard surface/ runway, unspecified surface/ runway, or HELIPORT)
- Military - Other than Hard surface runway, and heliports (unless otherwise denoted)
- Military - Hard surface runway greater than 8069 ft. or where multiple runways less than 8069 ft.

AIRPORT DATA

- Blue indicates Part 93, Special Air Traffic Rules and Airport Traffic Area.
- Runways with CT - 118.3 ▲ 479 123.8 Right Traffic — Control Tower frequency; Elevation; Longest runway
- CT - Scheduled Control Tower in operation
- ATCT - Airport Traffic Control Tower part time (H24 - H-Sunrise-Sunset)
- ARSA - Airport Radar Service Area
- ATIS 135.8 - Field-hosted automatic VFR flight is prohibited.
- CT - 118.3 - Control Tower (CT) - primary frequency
- Ⓐ - Automatic Terminal Information Service (ATIS) - continuous broadcast of operational information
- Ⓖ - Ground-to-Air Traffic Advisory Frequencies (GTAF)
- AWOS-3 119.025 135.42 - Automated Weather Observing System (AWOS) - broadcasts current weather information. Observing Systems (also known as ASOS and AWOS) are available and frequency is other than primary CT frequency.
- Lighting in operation Sunset to Sunrise
- Lighting limitations exist, refer to Airport/Facility Directory
- Length of longest runway in hundreds of feet.
- When information is lacking, the respective character is replaced by a dash. Runway lengt

AIRPORT TRAFFIC SERVICE AND AIRSPACE INFORMATION

Only the controlled part is shown of airport with both controlled and uncontrolled airspace on this chart. All times are local.

- Class C Airspace
- Class C Airspace Shown C
- Class C Airspace
- Ceiling of Class B Airspace (Ceiling and floor altitudes reflect MSL value unless otherwise noted)
- Class B Airspace with floor 1000 ft. or greater above surface. Not above Class B Airspace.
- 7400 MSL / 1000 AGL — Differentiates floors of Class B Airspace. Floor 1000 ft. above surface.
- Class B Airspace ends at 10000 MSL unless otherwise charted.
- Class B Airspace for airports Federal Airways are indicated by centerline. Class B Airspace boundaries on federal airways are indicated by symbol. Class B Airspace boundaries on airways without established intersections.
- 7700 MSL — Total ceiling of Class B Airspace (where ceiling is above airway).
- Class B Airspace Ceiling and Floor are indicated by dashed line. Ceiling/Floor
- Prohibited, Restricted, Warning, Military Operations Areas, Alert Areas and MOA - Military Operations Area
- Special Use Airspace
- Terminal Area/ Traffic Area
- ADIZ - Air Defense Identification Zone
- DEWIZ - Distant Early Warning Identification Zone
- Fort Drum A (FDWA1)
- National Security Area
- National Radar Service Area
- MTR - Military Training Route

COMMUNICATION BOXES

- 120.15 — Tower frequency
- 121.9 — Ground Control frequency
- 135.42 — Clearance Delivery frequency
- CHICAGO ARP — Name of Controlling Facility
- Class C or Class D Airport Surface Area (CSA). Frequencies 121.9, 135.42, 346.6 and 255.4 are normally used for ground control and clearance delivery but are not shown above.
- Contact FSS providing Airport Advisory Service (AAS)
- Frequencies above this line box are remoted to the airport. Pilot should monitor or request providing voice communication may be available to direct/relay to airborne and ground. Consult Airport/Facility Directory for complete information.

RADIO AIDS TO NAVIGATION

- VHF OMNI RANGE (VOR)
- VORTAC
- VOR-DME
- Other facilities, i.e., HIRL/SSALR, obstructions, etc.
- Non-Directional Radiobeacon (NDB)
- NDB – DME

OBSTRUCTIONS

- 1000 ft. AGL or above
- Less than 1000 ft. AGL
- Group Obstruction
- Obstruction with high-intensity lighting, number indicates elevation of the top. Group obstruction when shown grouped
- Under construction or reported (not verified) obstruction unverified

NOTE: Buildings with antennas are generally not charted unless significant obstruction.

TOPOGRAPHIC INFORMATION

- Coastline
- Land/Land Features (Radios, Tallest, wind cones, etc. Not to scale)
- Railroad
- Power Transmission Line (Not to scale)
- Landmark Feature (Radios, Tallest, wind cones, etc. Not to scale)
- Contour Feature
- 2128 (Elevation Base of Tower)
- Coast Guard Station
- Race Track
- Mine or Quarry
- Tunnel, cut or pass
- Road
- Wash
- Intermittent Stream
- Intermittent Lake
- Bridges and Viaducts

MISCELLANEOUS

- Magnetic Low (2000 Gauss)
- Obstacle Lights
- Hang Glider Activity
- Glider Operations
- Parachute Jumping Area (See Airport/Facility Directory)
- Aerial Refueling Track
- Flight Path Restriction
- Published Helicopter Routes
- Bridges and Viaducts

CONTROL TOWER FREQUENCIES ON LOS ANGELES SECTIONAL CHART

Airports with control towers are indicated on the face of the chart by the letters CT followed by the primary VHF tower control frequency. Where more than one frequency is used, the frequency for the runway in use is shown. Ground control, VHF and UHF local control frequencies are listed. An index of CT indicates the part-time tower frequency is covered as a collocated full-time FSS frequency. Consult Airport/Facility Directory for complete information relative to the Chart User's Guide.

Automatic Terminal Information Service (ATIS) frequencies shown on the face of the chart are primary arrival VHF/UHF frequencies. ATIS broadcasts include the following: Airport name, ATIS identification letter, time stamp, weather, runways in use, and other pertinent remarks.

Approach control frequencies are shown in the "NICHOLS" box. Where multiple approach control frequencies are listed, the "NICHOLS" indicates Monday through Friday.

CONTROL TOWER	OPERATES	TWR FREQ	GND CON	ATIS	AIRPORT
BOB HOPE	CONTINUOUS	118.7 254.3	121.7 346.6	124.325 (N) 764-9200 (SAN DIEGO, CNDC)	BURBANK-GLENDALE-PASADENA
BEAUTY	0700-0100	118.0	135.8	132.4	
BICHNO	0600-2200	124.1	135.95	132.95	
CAMARILLO	0700-0100	120.9	121.9	124.1	CAMARILLO
CHIEF REDSTICK	0600-1500 MON-FRI	126.775 346.6	135.775 346.6	307.2	CHINO
HOAD (NUHH)	0600-0100 TUE-THU; 0600-2200 FRI; 0700-2200 SAT; 0700-0100 SUN				
CHINA LAKE NAVAL	0600-0100	124.2	121.9	348.55	CHINA LAKE NAF
CORONADO	0600-2200 MON-FRI; 0700-2200 SAT-SUN	118.2	121.9	348.45	NAS NORTH ISLAND
DAGGETT	0700-0100	118.6	121.9	348.45	DAGGETT-BARSTOW
DESERT RESORTS	0700-2200	118.9	121.9	348.45	THERMAL
EDWARDS AFB	0600-2200 MON-FRI; 0700-2200 SAT-SUN	119.7 348.45	121.9	348.45	EDWARDS AFB
EL TORO MAP	0600-2200 MON-FRI; 0700-2200 SAT-SUN	118.2	121.9	348.45	MARINE CORPS AIR STATION EL TORO
FALLBROOK	0700-2200	123.0	122.9	348.45	FALLBROOK
GILLESPIE	0700-2200	123.8	121.9	348.45	GILLESPIE FIELD
GRAPEVINE	0700-2200	118.3	121.9	348.45	GRAPEVINE-CALIENTE
HAWTHORNE	0600-2200	133.1	121.9	348.45	HAWTHORNE MUNI
HEMET-RYAN	0700-2200	118.6	121.9	348.45	HEMET-RYAN
HOLLYWOOD BURBANK	0600-2200	118.7 254.3	121.7 346.6	124.325 (N) 764-9200 (SAN DIEGO, CNDC)	BURBANK-GLENDALE-PASADENA
IMPERIAL	0600-2200	118.3	121.9	348.45	IMPERIAL COUNTY
INDIAN WELLS	0700-2200	118.6	121.9	348.45	JACQUELINE COCHRAN REGIONAL
JOSHUA	0700-2200	118.6	121.9	348.45	JOSHUA TREE
KERN COUNTY	0700-2200	118.6	121.9	348.45	KERN COUNTY
LANCASTER	0700-2200	118.6	121.9	348.45	LANCASTER
LONG BEACH / DAUGHERTY	0600-2200	118.5	121.9	348.45	LONG BEACH
MARCH	0600-2200	118.2	121.9	348.45	MARCH
MCCARRAN INTL	CONTINUOUS	118.55 (DEP) 124.75 (DEP) 119.45 (DEP) 120.75 (DEP) 120.9 (DEP) 121.65 (DEP) 124.4 (DEP) 125.1 (DEP) 126.9 (DEP) 127.8 (DEP) 132.45 (DEP) 133.9 (DEP) 134.2 (DEP) 135.1 (DEP) 135.9 (DEP) 257.8 (DEP) 269.2 (DEP) 269.4 (DEP) 269.6 (DEP) 269.8 (DEP) 270.0 (DEP) 270.2 (DEP) 270.4 (DEP) 270.6 (DEP) 270.8 (DEP) 271.0 (DEP) 271.2 (DEP) 271.4 (DEP) 271.6 (DEP) 271.8 (DEP) 272.0 (DEP) 272.2 (DEP) 272.4 (DEP) 272.6 (DEP) 272.8 (DEP) 273.0 (DEP)